

Variable Trial and Error

Use at the beginning of the school year

Find expressions in the right column to match each one in the left column and write the matching letters above the numbers to spell a quote from Benjamin Franklin.

1.	$3x + 8x + 11y$	EN	$22x + 44xy$
2.	$4x + 8x + 5y - 7x + 2y$	UN	$20xy$
3.	$11x(2 + 4y)$	YS	$7x + y + 8$
4.	$(4 + x) + (2 + y)$	AV	$5x + 7y$
5.	$9x + 8x + 8y - 9y$	TH	$3(2x - y)$
6.	$14xy - 7xy - x$	WA	$y(y + 4) + 4x$
7.	$11xy + 12xy - x$	TF	$6 + x + y$
8.	$(x + 1)y$	EN	$2(2y + 3x)$
9.	$2y(x + 2x)$	AT	$12xy + 48x - 8$
10.	$(3y + y)(x + 4x)$	ND	$y^2 + 7xy + 2y$
11.	$7xy + 63x + 14y$	LE	$x(7y - 1)$
12.	$(3y + y) + (2x + 4x)$	DO	$2x$
13.	$8x + x + 9x(y + 1)$	OU	$2x - 5x^2$
14.	$(3x + 2)x - 8x^2$	FO	$6xy$
15.	$3x^2 + y - x(x + y)$	WO	$5x$
16.	$(7x + y)y + 2y$	SA	$2x^2 - xy + y$
17.	$4x + y + 3y + y^2$	TH	$9x(2 + y)$
18.	$3x + 8 + 4x + y$	NT	$4xy + 1$
19.	$7x - x - 4y + y$	DT	$7(xy + 9x + 2y)$
20.	$12x(y + 4) - 8$	RK	$9x + 1$
21.	$\frac{4x^2y}{2xy}$	VE	$xy + y$
22.	$\frac{(2xy)^2 + xy}{xy}$	DI	$x(23y - 1)$
23.	$\frac{5x^3y^2}{x^2y^2}$	AI	$17x - y$
24.	$\frac{9xy + y}{y}$	IH	$11(x + y)$

1	2	3	4	5	6	7	8	9	10	11	12	

13	14	15	16	17	18	19	20	21	22	23	24	

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